

**Curriculum Vitae**  
**Personal information**



First name(s)/Surname(s)	<b>BUTNARIU, Monica</b>
Address(es)	Calea Aradului (Street), no. 119, Timisoara, Timis County
Telephone(s)/Fax(es)	+400256277464/+400256200269 E–mail: monicabutnariu@yahoo.com/monica_butnariu@usab-tm.ro
Date of birth	07/03/1971
Nationality	Romanian
Gender	Female
<b>Desired employment / Occupational field</b>	<i>Full Professor, habilitated doctor, chemist, Chemistry &amp; Biochemistry Discipline, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara</i>
<b>Work experience</b>	Teaching chemistry and biochemistry plant (specific disciplines). <i>Research Interests:</i> Chemistry and Analytical Biochemistry; Research on natural compounds/active principles of plants; environment protection, develop approaches for chemical characterization of plants/plant mixtures using different methods.
Dates	27 September 2014–present
Occupation or position held	Full Professor
Main activities and responsibilities	Teaching includes activities broader than classroom instruction; evaluate the training requirements of the student (tips and processes to ensure work–related skills, techniques and knowledge) research activity.
Name and address of employer	Chemistry/Vegetal Biochemistry, USAMVB Timisoara
Type of business or sector	Field of educational (volitional mediators of cognitive–behavior–consistency) applicants from different chemistry specific disciplines chemistry/biochemistry of plant.
Dates	1 March 1998–1 March 2003, 1 March 2003–1 March 2005, 1 March 2005–1 October 2008, 1 October 2008–27 September 2014, 27 September 2014–present
Occupation or position held	Preparatory, Assistant Professor, Lecturer, Associate Professor
Main activities and responsibilities	Teaching includes activities broader than classroom instruction; evaluate the training requirements of student (tips/processes to ensure work–related skills, techniques and knowledge), research activity.
Name and address of employer	Chemistry/Vegetal Biochemistry, USAMVB Timisoara
Type of business or sector	Field of educational (volitional mediators of cognitive–behavior–consistency) applicants from different chemistry specific disciplines chemistry/biochemistry of plant.
<b>Education and training</b>	July 12, 2013, Habilitation thesis " <i>Identification and quantification of biocompounds in life science and applied biotechnology areas, aimed at sustainable development</i> " Cluj–Napoca.
Dates	1 October, 2011–1 June 2012
Title of qualification awarded	Postdoctoral Studies: " <i>Formulation and evaluation of dermato–cosmetic products</i> " field of dermato–cosmetic sciences, chemical quality, toxicity of cosmetics, galenics, formulation, efficacy of dermatologic or cosmetic
Name and type of organisation providing education and training	"Victor Babes" University of Medicine and Pharmacy of Timisoara
Dates	1 October, 2010–1 June 2011
Title of qualification awarded	Postgraduate specialization: " <i>Pollution, environmental protection and management</i> " Materials Science and Engineering Faculty, Dissertation thesis: " <i>Evaluation some plant species for tolerance to heavy metals and bio monitoring</i> "
Name and type of organisation providing education and training	"Transylvania" University, Brasov, Materials Science and Engineering Faculty,
Dates	1999–2005
Title of qualification awarded	PhD in sciences (Agronomy {analytical biochemistry, biotechnology, agro chemistry–science of chemical compositions and changes involved in the production, protection, and use of crops and livestock})
Principal subjects/occupational skills covered	thesis " <i>Researches on the heavy metals content in the Banat's soils and the consequences on the environment</i> "

Name/type of organisation providing education/ training	Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara
Dates	1 October, 1997–1 June 1999
Title of qualification awarded	Postgraduate specialization: Master magister
Principal subjects/occupational skills covered	Master in <i>Technologies of Non–Pollutant Processes</i> with the dissertation work: <i>“Studies concerning the process of elimination of the phosphate ion through ionic exchange”</i>
Name and type of organisation providing education and training	Polytechnic University Timisoara, Industrial Chemistry and Environmental Engineering Faculty,
Dates	1992–1997
Title of qualification awarded	Bachelor of science
Principal subjects/occupational skills covered	I attended specialization chemistry and related activities
Name and type of organisation providing education and training	West University, Chemistry–Biology–Geography Faculty, Chemistry Specialty, Bachelor of science (BSc)

**Personal skills and competences**

Mother tongue(s)	<b>Romanian</b>				
Self-assessment <i>European level</i>	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
	Listening	Reading	Spoken interaction	Spoken production	
<b>ENGLISH</b>	proficient user	proficient user	proficient user	proficient user	proficient user
<b>FRENCH</b>					

Social skills and competences  
Written and verbal communication skills, at university level usually and generally excellent communication abilities at different levels. Qualities and skills to set easy personal relationships and to be an agreeable interlocutor. The general knowledge, the relation capacity and self–control, perspicacity in the noticing the essence of the phenomena, straightforwardness and spontaneity in action and adaptability for new situations. Availability to work, energy, responsibility, sincerity and seriousness, uses its knowledge of human relationships to impose and develop self–esteem.

Organisational skills and competences  
Actions of planning/ coordinating of research or consulting activities with students in of practical training and for prepare for graduate study. Organizing of academic conferences, various presentations, keynote speaker on a panel, also panel discussions on various issues and workshops.

**Editor, reviewer and member of editorial board** several international journals.

Technical skills and competences  
Instrumental analysis techniques specific quantitative determinations typical chemical disciplines, specific (ChemDraw, Chemical Structure Drawing Software, Multimedia Chemistry Educational Softwar *etc.*) and some types of equipment that are used for detection of chemical compounds.

Computer skills and competences The use of the general computer (Word Programme, Excel and the Internet, *etc.*)

Artistic skills and competences  
5 patents [RO122836–B1, RO125201–A2, RO122952–B1, RO122834–B1 and RO122893–B1 (<http://apps.who.int/keyword>)], and more than 15 gold/silver medals in different fairs and exhibitions National (Bucharest, Iasi and Cluj) and International (Geneva, Bruxelles, Zagreb, Seoul, and Budapest) (<http://www.ancs.ro/ro/articol/1764/instrumente-suport-targuri-si-expozitii-medalii-si-premii>). Evaluator CNCSIS, CEEEX, PNCD 2 and PF7. Expert Capacities–Module III. RNE, C<sub>9</sub>–Biotechnologies (8). Evaluator projects H2020, ETHICAL REVIEW IN H2020, **Ethics experts** for SME-INSTRUMENT-2\_2016, H2020-SMEINST-2-2016-2017\_13-10-2016, **Ethics Expert**, H2020-MSCA-IF-2016, H2020-MSCA-ITN-2017, (Participant Portal–EX2012D125018).

**Trainings / international collaborations and post–academic courses:**

- Sep, **2006**–training course carried out by the National Institute of Research (INRA), Centre de Recherché Toulouse, **Toulouse France**.
- March **2007**–Advanced HACCP Course–Auditing and maintaining a functional HACCP system, **United States Department of Agriculture**.
- May, **2007**–Persistent pollution Course: Past, Present and Future–Reconstruction for the assessment of state and changes in the meteo–marine environment, GKSS Summer School, Institute of Coastal Research Centre; **Luneburg, Germany**.
- July **2007**, 3<sup>rd</sup> Summer School of Environmental Chemistry and Ecotoxicology Course 2007, organized de RECETOX, **Brno, Czech**.
- March **2008**, Course of Validation of the laboratory chemical methods, A/461/2008, **ASRO–Romania**;
- July **2008**, REP–LECOTOX 1<sup>st</sup> Ecotoxicogenomics: the challenge of integrating genomics/proteomics/metabolomics into aquatic, terrestrial ecotoxicology, **Novi Sad, Serbia**.

Other skills and competences	<p><b>Membership in professional bodies:</b> Society of Chemistry Romania, Society Biochemistry and Molecular Biology. International Society of Environmental Bio indicators (ISEBI). BAFN (<a href="http://www.europartnersearch.net/bafn/database/Fact_sheet_researcher.php?Numero=3344">http://www.europartnersearch.net/bafn/database/Fact_sheet_researcher.php?Numero=3344</a>) American Nano Society–Full Members (<a href="http://members.nanosociety.us/monicabutnariu">http://members.nanosociety.us/monicabutnariu</a>); Biochemical Society/Portland Press Ltd, London, UK–Full Members (<a href="http://www.omicsonline.org/searchresult.php?keyword=Monica+Butnariu&amp;search=Go">http://www.omicsonline.org/searchresult.php?keyword=Monica+Butnariu&amp;search=Go</a>); International Carotenoid Society–Full Members (<a href="http://www.carotenoidsociety.org/user/monicabutnariu">http://www.carotenoidsociety.org/user/monicabutnariu</a>) Ambassadors Basel Declaration for Advances in human and veterinary medicine through animal experiments (<a href="http://www.basel-declaration.org/basel-declaration-society/ambassadors/">http://www.basel-declaration.org/basel-declaration-society/ambassadors/</a>). Council for Nutritional and Environmental Medicine (CONEM) (<a href="http://www.conem.org/people/butnariubio/">http://www.conem.org/people/butnariubio/</a>). ESPEN–The European Society for Clinical Nutrition and Metabolism (<a href="http://www.espen.info/EspenWebsite/EspenMember/my_profile cms.aspx">http://www.espen.info/EspenWebsite/EspenMember/my_profile cms.aspx</a>) Italo–Latin American Society of Ethnomedicine (<a href="http://www.silae.it/eng/getfromflag/art_eec">http://www.silae.it/eng/getfromflag/art_eec</a>). American Chemical Society. National Correspondent International Association for Plant Biotechnology (IAPB) (<a href="http://iapbhome.com/join">http://iapbhome.com/join</a>).</p>
Additional information	<p><b>Research Experience</b> (References point to my list of publications and projects). (<a href="https://uefiscdi-direct.ro/brain/index.php?&amp;q=butnariu+monica">https://uefiscdi-direct.ro/brain/index.php?&amp;q=butnariu+monica</a>, <a href="https://uefiscdi-direct.ro/brain/index.php?&amp;q=butnariu+monica">https://uefiscdi-direct.ro/brain/index.php?&amp;q=butnariu+monica</a>, and <a href="http://ad-astra.ro/author/monicabutnariu/">http://ad-astra.ro/author/monicabutnariu/</a>). Researcher ID: E–7217–2010; and Other IDs: Scopus Author ID: 15070536800: (<a href="https://www.scopus.com/authid/detail.uri?authorId=15070536800">https://www.scopus.com/authid/detail.uri?authorId=15070536800</a>); ORCID: <a href="http://orcid.org/0000-0002-2032-5000">http://orcid.org/0000-0002-2032-5000</a>.  <b>h-index:</b> <b>h</b> Web of Science =18, <b>h</b> SCOPUS=10 and <b>h</b> Google Scholar Citations (<b>h-index=18, i10-index=24</b>)</p>
Representatives books	<p><b>Monica BUTNARIU, et al. (2012).</b> [<i>Compendium of Forage Technical Terms in English, French and Romanian</i>]. Cambridge Scholars Publishing Ltd. ISBN (13):978–1–4438–3623–4; ISBN (10):1–4438–3623–0. (<a href="http://www.cambridgescholars.com/compendium-of-forage-technical-terms-in-english-french-and-romanian-16">http://www.cambridgescholars.com/compendium-of-forage-technical-terms-in-english-french-and-romanian-16</a>). pp.365.  <b>Monica BUTNARIU, A Butu, (2013)</b> Functions of collateral metabolites produced by some actinomycetes in the Book "Microbial pathogens and strategies for combating them: science, technology and education", Formatex Research Center, Badajoz, Spain, (<a href="http://www.formatex.info/microbiology4/vol2/1419-1425.pdf">http://www.formatex.info/microbiology4/vol2/1419-1425.pdf</a>).  <b>Monica BUTNARIU, (2014)</b>, Chemical Composition of Vegetables and Their Products, DOI: 10.1007/978–3–642–41609–5_17–1, (<a href="http://link.springer.com/referenceworkentry/10.1007/978-3-642-41609-5_17-1">http://link.springer.com/referenceworkentry/10.1007/978-3-642-41609-5_17-1</a>) pp. 1–49, Handbook of Food Chemistry, Publisher Springer Berlin Heidelberg, ISBN: 978–3–642–36604–8. (Romanian Academy Award 2016 (<a href="http://www.acad.ro/premiileAR/liste/2014.pdf">http://www.acad.ro/premiileAR/liste/2014.pdf</a>))  <b>BUTNARIU, Monica (2014)</b>, Markers, Indicators of Soil Pollution, DOI:10.1007/978–94–017–9499–2_22, pp 343–364, Book Title: Environmental Indicators, Publisher Springer Netherlands, Print ISBN: 978–94–017–9498–5 (<a href="http://link.springer.com/chapter/10.1007/978-94-017-9499-2_22">http://link.springer.com/chapter/10.1007/978-94-017-9499-2_22</a>)  <b>Monica BUTNARIU, (2015)</b>, The Effects on Plants by the Insecticides Obtained from Petroleum By–Products, pp. 77–108, Petroleum Engineering Vols. I &amp; II, Petrochemical, Petroleum Engg./Chemical Technology, 2, Studium Press LLC USA., ISBN: ISBN: 1–62699–041–7, (Set 2 Vols.) ISBN: 1–62699–047–6</p>
Interdisciplinary National/ European Science Project Incorporating Research and Education Experience	<p><b>Project Director:</b> Assessment of metal content heavy soils with plants bio indicator and recovery them for therapeutic purposes. (2006–2008), (<a href="http://www.cnmp.ro/ceex/comp2_oct/oferta.php?id=11">http://www.cnmp.ro/ceex/comp2_oct/oferta.php?id=11</a>) <b>CEEX–ET: 1466/4/04.2006.</b> Biotechnology for obtaining bio–products resulting from Plant indicators of recovery metals in soil. (2006–2008), <b>CEEX–ET: 5899/18.09.2006,</b> (<a href="http://www.cnmp.ro/ceex/comp2_2006/oferta.php?id=17">http://www.cnmp.ro/ceex/comp2_2006/oferta.php?id=17</a>). Environmental–biochemical cooperation for prognosis of natural water and soil pollution in the Hungarian–Romanian cross–border region to shun catastrophe. (2009–2011). (European fund–ERDF), (<a href="http://www.huro-cbc.eu/en/project_info/88?month=5&amp;year=2011">http://www.huro-cbc.eu/en/project_info/88?month=5&amp;year=2011</a>). <b>1<sup>th</sup> April, 2013–31<sup>th</sup> March 2015,</b> TAMOP–4.1.1 C–12/1/KONV–2012–0012 "GREEN ECONOMY COOPERATION" OU762–27–61, financed EU, develop higher education on field of Environmental Science, to start new collaboration with foreign scientific institutions on this field. <b>Co–Principal Investigators Project:</b> Impact of functional food enriched with bioactive components antioxidants on quality of life Breast cancer. (2006–2008). Spleen Phosphates landfill guano that fixates of ammonium and Transition metal–based studio of secondary phosphate soils amended with polyphosphates. (2006–2008). Study of synergic bioactivity of antioxidant functional foods for reversibility of the metabolic syndrome MET–ANTIOX. (<a href="http://www.cnmp.ro/ceex/comp1/oferta.php?id=543">http://www.cnmp.ro/ceex/comp1/oferta.php?id=543</a>) (2006–2008). Magnetic and optical tenable nanomaterials with controlled porosity obtained by sol–gel method and sono–synthesis, potentially applicable in environmental protection, biology and medicine. (<a href="http://www.cnmp.ro/ceex/comp1/oferta.php?id=320">http://www.cnmp.ro/ceex/comp1/oferta.php?id=320</a>) (2006–2008). Impact of multicomponent functional foods in control of obesity and atherosclerosis, Antiatero–Alim. (2006–2008) (<a href="http://www.cnmp.ro/ceex/comp1_2006/oferta.php?id=2433">http://www.cnmp.ro/ceex/comp1_2006/oferta.php?id=2433</a>).</p>

Timisoara, 2017

MONICA BUTNARIU

**List of publications from journals with Impact Factor**

- 1) Lorin, D. Cristina, R.T. Teusdea, V. Mitranescu, E. Muselin, F. **BUTNARIU, M.** David, G. Dumitrescu, E. Efficiency of four currently used decontamination conditionings in Romania against *Aspergillus* and *Candida strains*, *Journal de Mycologie Médicale/Journal of Medical Mycology* (ISSN: 1156–5233), **2017**, <http://dx.doi.org/10.1016/j.mycmed.2017.04.013>. **IF(2016): 1.269**.
- 2) Grozea, I., Trusca, R., Virteiu, A.M., Stef, R., **BUTNARIU, M.** Interaction between *Diabrotica virgifera virgifera* and host plants determined by feeding behavior and chemical composition, *Romanian Agricultural Research*, (ISSN: 1222–4227), **2017**, 34, 1–9, First Online: March, 2017. DII 2067–5720 RAR 2017–144, **IF(2016): 0.41**.
- 3) Gabor, A. Davidescu, C.M. Negrea, A. Ciopec, M. Muntean, C. Negrea, P. Ianasi, C. **BUTNARIU, M.** Magnesium silicate doped with environmentally friendly extractants used for rare earth elements adsorption. *Desalination and Water Treatment* (ISSN: 1944–3994), 63 (2017) v–vii, DOI: 10.5004/dwt.2017.20173, Published: FEB **2017**, Pages: 124–134, **IF(2016): 1.631. (Quartile in Category–Q2)**.
- 4) Negrea, A; Ciopec, M; Negrea, P; Motoc, M; Hulka, I; Sarac, I; Petrescu, I; Vasileva, V. **BUTNARIU, M.** Studies Regarding the Use of Ash from Pyrolysis Rubber as an Amendment to Soils Used to Cover Waste Dumps, with *Phalaris Arundinacea*, *Revista de chimie*, (ISSN: 0034–7752), Volume: 67, Issue: 11, Pages: 2164–2169, Published: NOV **2016**, **IF(2016): 1.232**.
- 5) Gabor, A; Davidescu, CM; Negrea, A; Ciopec, M; Negrea, P; **BUTNARIU, M.** Separation of La(III) Using Functionalized Material on Fixed Bed Column, *Revista de chimie*, (ISSN: 0034–7752), Volume: 67, Issue: 11, Pages: 2225–2227, Published: NOV **2016**, **IF(2016): 1.232**.
- 6) Pentea, M. Hulea, C. Stancu, A. **BUTNARIU, M.** Cristina R.T. Developing the Plastination Laboratory for the Technique S10, *Materiale Plastice* (ISSN: 0025–5289). Volume: 53. Issue: 1. Pages: 150–152, **2016**, **IF(2016): 0.778**.
- 7) **BUTNARIU, M.** Sarac, I. Pentea, M. Samfira, I. Negrea, A. Motoc, M. Buzatu, A.R. Ciopec M. Approach for Analyse Stability of Lutein from *Tropaeolum majus*, *Revista de chimie*, (ISSN: 0034–7752), Volume: 67, Issue: 3, Pages: 503–506, **2016**, Times Cited: **3** (from Web of Science Core Collection) **IF(2016): 1.232**.
- 8) Gabor, A.E. Davidescu, C.M. Negrea, A. Ciopec, M. Ianasi, C. Muntean, C. Negrea, P. **BUTNARIU, M.** Lanthanum Separation from Aqueous Solutions Using Magnesium Silicate Functionalized with Tetrabutylammonium Dihydrogen Phosphate. *Chem. Eng. Data*, (ISSN: 0021–9568, Ar ASAP, DOI: 10.1021/acs.jced.5b00687 Volume: 61, Issue: 1, Pages: 535–542, Accession Number: WOS: 000368564600061, American Chemical Society) Published: JAN **2016**, Times Cited: **3** (from Web of Science Core Collection) **IF(2016): 2.323. (Quartile in Category–Q2)**.
- 9) Negrea, P. Caunii, A. Sarac, I. **BUTNARIU, M.** The study of infrared spectrum of chitin and chitosan extract as potential sources of biomass. *Digest journal of nanomaterials and biostructures*, (ISSN: 1842–3582, Volume 10, Number 4, Pages: 1129–1138, Accession No: WOS: 000366264800003, October–December **2015**), Times Cited: **3** (from Web of Science Core Collection) **IF(2016): 0.836**.
- 10) **BUTNARIU, M.** Negrea, P; Lupa, L; Ciopec, M; Negrea, A; Pentea, M; Sarac, I; Samfira, I. Remediation of Rare Earth Element Pollutants by Sorption Process Using Organic Natural Sorbents. *International journal of environmental research and public health*, (ISSN: 1660–4601. Volume: 12, Issue: 9, Pages: 11278–11287, DOI: 10.3390/ijerph120911278, Accession No: WOS: 000361889100051, PubMed ID: 26378553, Published: SEP **2015**), Times Cited: **4** (from Web of Science Core Collection), **IF(2016): 2.101. (Quartile in Category–Q2, principal author/corresponding author)**.
- 11) Virteiu, A.M; Stef, R; Grozea, I; **BUTNARIU, M.** Allelopathy potential of *Aesculus hippocastanum* extracts assessed by phytobiological test method using *Zea mays*. *Environmental engineering and management journal*, (ISSN: 1582–9596, eISSN: 1843–3707. Volume: 14, Issue: 6, Pages: 1313–1321, Accession No: WOS: 000360500200009, Published: JUN **2015**), Times Cited: **2** (from Web of Science Core Collection) **IF(2016): 1.096**.
- 12) Ciopec, M; Negrea, A; Pentea, M; Samfira, I. Motoc, M; **BUTNARIU, M.** Studies Concerning the Immobilisation and Stabilization of the Mining Landfills. *Revista de chimie*, (ISSN: 0034–7752. Volume: 66, Issue: 5, Pages: 645–653, Accession Number: WOS: 000355126000011, Published: MAY **2015**) Times Cited: **4** (from Web of Science Core Collection), **IF(2016): 1.232**.
- 13) Samfira, I; Rodino, S; Petrache, P; Cristina, R.T; Butu, M; **BUTNARIU, M.** Characterization and identity confirmation of essential oils by mid infrared absorption spectrophotometry. *Digest journal of nanomaterials and biostructures*, (ISSN: 1842–3582. Volume: 10, Issue: 2, Pages: 557–565, Accession Number: WOS: 000357261800002, Published: APR–JUN **2015**), Times Cited: **3** (from Web of Science Core Collection) **IF(2016): 0.836**.

- 14) **BUTNARIU, M.** Samfira, I; Sarac, I; Negrea, A; Negrea, P. Allelopathic effects of *Pteridium aquilinum* alcoholic extract on seed germination and seedling growth of *Poa pratensis*. *Allelopathy journal*, (ISSN: 0971–4693, eISSN: 0974–1240. Volume: 35, Issue: 2, Pages: 227–236, Accession No: WOS: 000357105400008, Published: APR 2015), Times Cited: [3](#) (from Web of Science Core Collection) **IF(2016): 1.05. (Quartile in Category–Q2, principal author/corresponding author).**
- 15) Caunii, A; Butu, M; Rodino, S; Motoc, M; Negrea, A; Samfira, I; **BUTNARIU, M.** Isolation and Separation of Inulin from *Phalaris arundinacea* Roots. *Revista de chimie*, (ISSN: 0034–7752. Volume: 66. Issue: 4, Pages: 472–476. Accession No: WOS: 000354914500007, Published: APR 2015). Times Cited: [6](#) (from Web of Science Core Collection), **IF(2016): 1.232.**
- 16) Butu, A; Rodino, S; Golea, D; Butu, M; Negoescu, C; Dinu–Pirvu, C.E. **BUTNARIU, M.** Liposomal nanodelivery system for proteasome inhibitor anticancer drug bortezomib. *Farmacologia*, (eISSN: 2065–0019. Volume: 63, Issue: 2, Pages: 224–229, Accession Number: WOS: 000353526900011, ISSN: 0014–8237, Published: MAR–APR 2015), Times Cited: [8](#) (from Web of Science Core Collection). **IF(2016): 1.348.**
- 17) Caunii, A; Negrea, A; Pentea, M; Samfira, I; Motoc, M; **BUTNARIU, M.** Mobility of Heavy Metals from Soil in the Two Species of the Aromatic Plants. *Revista de chimie*, (ISSN: 0034–7752. Volume: 66, Issue: 3, Pages: 382–386, Accession No: WOS: 000352756300020, Published: MAR 2015). Times Cited: [22](#) (from Web of Science Core Collection). **IF(2016): 1.232.**
- 18) Pentea, M.; Butu, M.; Samfira, I.; Cristina, R.T. **BUTNARIU, M.** Extraction and analytical study of salvininol from leaves of *Salvia divinorum*. *Digest journal of nanomaterials and biostructures*, (ISSN: 1842–3582. Volume: 10, Issue: 1, Pages: 291–297, Accession Number: WOS: 000353029900029, Published: JAN–MAR 2015), Times Cited: [4](#) (from Web of Science Core Collection). **IF(2016): 0.836.**
- 19) Csuma, A; Cristina, Romeo T.; Dumitrescu, E; Muselin, F; Alexa, E.C; Gergen, I. **BUTNARIU, M.** Application of QuEChERS–High Performance Liquid Chromatography with Postcolumn Fluorescence Derivatization (HPLC–FLD) method to analyze Eprinomectin B1a residues from a pour–on conditioning in bovine edible tissues. *Open chemistry*, (ISSN: 2391–5420. Volume: 13, Issue: 1, Pages: 769–779, DOI: 10.1515/chem–2015–0097, Accession No: WOS: 000355403100092, Published: JAN 2015) Times Cited: [1](#) (from Web of Science Core Collection). **IF(2016): 1.027.**
- 20) Voda, R; Negrea, A; Lupa, L; Ciopec, M; Negrea, P; Davidescu, CM; **BUTNARIU, M.** Nanocrystalline ferrites used as adsorbent in the treatment process of waste waters resulted from ink jet cartridges manufacturing. *Open chemistry*, (ISSN: 2391–5420. Volume: 13, Issue: 1, Pages: 743–747, DOI: 10.1515/chem–2015–0092, Accession No: WOS: 000355403100088, Published: JAN 2015) Times Cited: [1](#) (from Web of Science Core Collection). **IF(2016): 1.027.**
- 21) Cristina, R. Hanganu, F. Dumitrescu, E. Muselin, F. **BUTNARIU, M.** Constantin, A. Chiurciu, V. *The Impact of Exogenic Testosterone and Nortestosterone–Decanoate Toxicological Evaluation Using a Rat Model*. *PLoS ONE*, 2014, 9(10): e109219.doi:10.1371/journal.pone.0109219 (Accession Number: WOS: 000343730400046, PubMed ID: 25302584, ISSN: 1932–6203). Times Cited: [7](#) (from Web of Science Core Collection). **IF(2016): 2.806. (Quartile in Category–Q1).**
- 22) Butu, M. Rodino, S. Pentea, M. Negrea, A. Petrache, P. **BUTNARIU, M.** IR spectroscopy of the flour from bones of European hare, *Digest journal of nanomaterials and biostructures*, Volume: 9, Issue: 4. Pages: 1317–1322, Published: OCT–DEC 2014 (Accession Number: WOS: 000346138800003, ISSN: 1842–3582), Times Cited: [8](#) (from Web of Science Core Collection). **IF(2016): 0.836.**
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